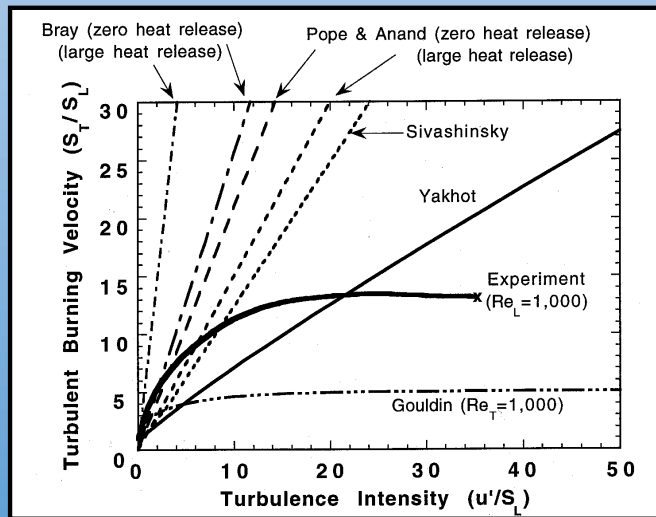


Glenn Research Center

MICROGRAVITY SCIENCE DIVISION SPACE DIRECTORATE



Front Interaction with Vortex Experiment (FIVE) Glovebox Investigation



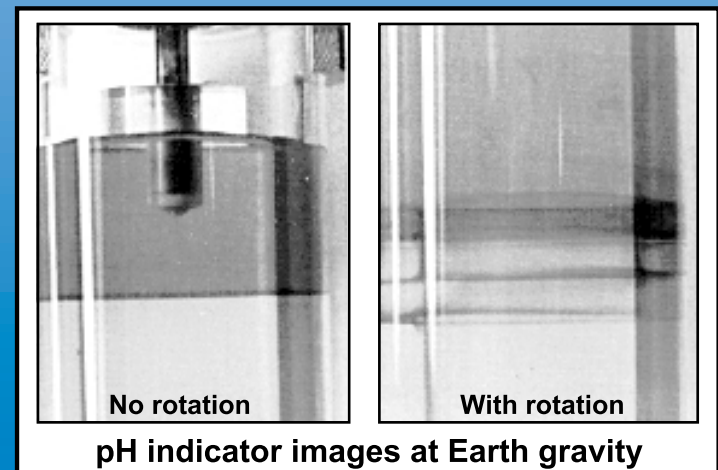
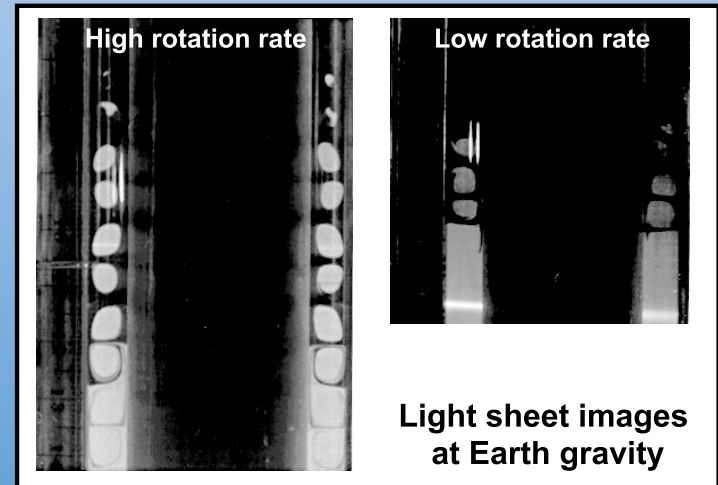
{Note variances of models (dashed lines) and experimental data (solid lines)}

Objectives:

- Study interaction of propagating chemical fronts in aqueous solution with an array of vortices generated by a Taylor-Couette flow
- Provide benchmark data with known boundary conditions and well-known chemistry and fluid mechanics to compare with numerical models of front propagation

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01-17-00

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